

## Useful Links

<https://www.stem.org.uk/>

<https://inventivekids.com/>

<https://gridclub.com/#design>

<https://www.secretlifeofmachines.com/>

<https://www.exploratorium.edu/pie/index.html>

<https://www.foodafactoflife.org.uk/>

<https://www.nutrition.org.uk/>

<https://fabflour.co.uk/>

## Vocabulary

A list of key vocabulary for each year group is available on our school website.

**prototype**

**CAD**

**function**

## At Home

Involve your child in cooking and baking, asking them to weigh and measure ingredients out. Why not design and make a pizza or your own loaf?

Construction sets such as Lego are an excellent way of allowing children to grasp early ideas in STEM. The diagrams also help children to build 3D visualisation and spatial awareness.

Talk about DIY projects and involve your child wherever practical and safe.

## Contact

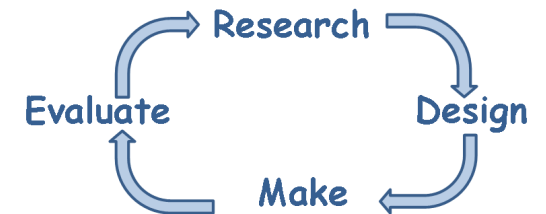
If you have any questions regarding the teaching of DT, please do not hesitate to speak to your child's class teacher or contact:

**Mrs Thompson**  
**DT Subject Leader**



**Deepcar**  
**St. John's C.E.**  
**Junior School**

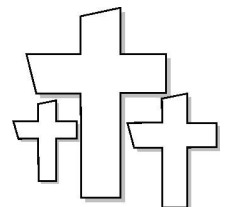
## Design and Technology



**An Information Booklet  
for Parents and Carers**

“Teach a child in the way he should go, and when he is old he will not turn from it.”

**Proverbs 22:6**



## Design and Technology

At Deepcar St John's C of E Junior School, we believe that a high-quality Design and Technology education should engage, inspire and challenge all pupils, equipping them with the knowledge and skills to design, make and evaluate their own products.

Using the Kapow Primary scheme of work, we teach the following areas once in Lower Key Stage 2 (Y3 and Y4) and once in Upper Key Stage 2 (Y5 and Y6):

Cooking and Nutrition  
Digital World  
Electrical Systems  
Mechanical Systems  
Structures  
Textiles

## Lower Key Stage 2

### Year 3

Cooking and Nutrition - Eating Seasonally

Mechanical Systems - Pneumatic Toys

Structures - Constructing a Castle

### Year 4

Digital World - Mindful Moments Timer

Electrical Systems - Torches

Textiles - Fastenings

## Upper Key Stage 2

### Year 5

Cooking and Nutrition - What Could Be Healthier?

Structures - Catapults

Textiles - Stuffed Toys

### Year 6

Digital World - Navigating the World

Electrical Systems - Steady Hand Game

Mechanical Systems - Automata Toys